## INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP03/05367

A. CLASSI Int.	FICATION OF SUBJECT MATTER C1 B60R1/074, B60R1/00		,
According to	International Patent Classification (IPC) or to both nati	onal classification and IPC	
B. FIELDS	SEARCHED		
3.77	cumentation searched (classification system followed by D1 B60R1/074, B60R1/00, B60R11	classification symbols) ./04, B60R16/02, B60R25	/10
Jitsu Kokai	on searched other than minimum documentation to the e yo Shinan Koho 1926—1996 Jitsuyo Shinan Koho 1971—2003	Jitsuyo Shinan Toroku Koho	1994-2003
Electronic da	ata base consulted during the international search (name	of data base and, where practicable, sear	ch terms used)
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where app	ropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2001-130324 A (Ichikoh Ind 15 May, 2001 (15.05.01), Par. Nos. [0008] to [0029]; F (Family: none)	. 1	1-4 5-9
Y	JP 10-97691 A (Oki Electric 14 April, 1998 (14.04.98), Par. Nos. [0028] to [0029]; F (Family: none)		5
Y	JP 3080205 U (Kabushiki Kais System), 27 June, 2001 (27.06.01), Par. Nos. [0022] to [0025], [ Fig. 1 (Family: none)		6-9
Furth	er documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents:  "A" document defining the general state of the art which is not considered to be of particular relevance  "E" earlier document but published on or after the international filing date  "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or other means  "P" document published after the international filing date but later than the priority date and not in conflict with the application but a priority date and not in conflict with the application but a understand the principle or theory underlying the invention considered novel or cannot be considered to involve an is step when the document of particular relevance; the claimed invention considered novel or cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention considered to involve an inventive step when the document of particular relevance; the claimed invention			the application but cited to derlying the invention claimed invention cannot be ered to involve an inventive e claimed invention cannot be the when the document is h documents, such in skilled in the art
Date of the	actual completion of the international search June, 2003 (06.06.03)	Date of mailing of the international sea 17 June, 2003 (17.	ren report 06.03)
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer	
Facsimile No.		Telephone No.	

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	Citation of decreased with indication where appropriate of the release	nt nassages	Relevant to claim No.
Category*	Citation of document, with indication, where appropriate, of the relevant JP 2000-108786 A (Yoshiharu YANAGAWA),	n hassages	10-12
x	18 April, 2000 (18.04.00), Par. No. [0005]; Fig. 10 (Family: none)		10 12
х	JP 9-142213 A (Kato Works Co., Ltd.), 03 June, 1997 (03.06.97), Par. No. [0007]; Fig. 1 (Family: none)		10-12
E,X	JP 2003-125396 A (Sharp Corp.), 25 April, 2003 (25.04.03), Par. Nos. [0017] to [0121]; Figs. 1 to 12 (Family: none)		1-4,6-8
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